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PART III—SECTION 2

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 29th August 1964

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

10th August 1964

95105. Jyotsna Kumar Choudhury, Shyamapada Patra and Sanjoy Kumar Basu. Transistorised phase-angle-cum-power factor meter.
95106. Narahari Sarkar. Ferroresonant monostable multi-vibrator.
95107. V. Kumar and M. Kumar. Improvements in or relating to flushing device.
95108. K. N. Misra. So plotting the loci of configurations on symmetrically mounted type-writer/teleprinter typebodies as to yield desired and desirable results.
95109. AMP Incorporated. Electrical contact elements for receiving tabs and assemblies employing such elements.
95110. Egyesult Gyogyszer- es Tapszergyar. Process for the preparation of geminate amino carbinols.
95111. Telefonaktiebolaget L M Ericsson. Long-lived reed contact.
95112. Compagnie Francaise Thomson-Houston. Improvements in or relating to bistable circuits with adjustable triggering level.
95113. The English Electric Company Limited. Electrical connection apparatus. (15th August 1963).
95114. The English Electric Company Limited. Electrical terminal device. (15th August 1963).
95115. The English Electric Company Limited. Electrical contact arrangement. (4th September 1963).
95116. Dunlop Rubber Company Limited. Improvements relating to the production of substituted thioureas. (29th August 1963). [Addition to No. 80385].
95117. Inventa A. G. Fur Forschung Und Patentverwertung. Improvements relating to storage properties of granular urea.
95118. The Lummus Company. Process for the manufacture of esters.
95119. Deering Milliken Research Corporation. Quantity control of liquids for packaging.
95120. Ciba Limited. Manufacture of bicyclic oxacycles.

95121. The British Petroleum Company Limited. Molybdenum compounds and lubricating compositions containing them. (20th August 1963).
95122. E. K. Cole Limited. Improvements in or relating to thermistor assemblies. (15th August 1963).
95123. Merck & Co., Inc. Benzindolyl acids.
95124. S. G. Kulkarni. Improvements in or relating to arbors for ring spinning frames.
95125. Goetzewerke Friedrich Goetze Aktiengesellschaft. Apparatus for the removal from production of machinery of piston rings having inherent resilience.
95126. Ortho Pharmaceutical Corporation. Pregnancy test.
95127. Siemens & Halske Aktiengesellschaft. Device for amplifying and/or modulating electrical waves. (1st April 1964).
95128. E. Merck Aktiengesellschaft. Substituted flavanoids and their preparation.
95129. Commissariat A L'Energie Atomique. Improvements in devices for the measurement of weak magnetic fields by nuclear induction. [Addition to No. 77383].
95130. VFB Lokomotivbau-Elektrotechnische Werke "Hans Beimler". Coupling for continuous castings for use in electronray furnaces and vacuum arc furnaces.
95131. Forschungs-Institut Prof. Ing.-Chem. P. Willems. Device for the oscillating treatment of substances.
95132. Multifol Patentverwertungs A. G. Extrusion die for manufacture of a multilayer hose of plastic material.

11th August 1964

95133. Mrs. Tatiana Sedina-Shaha. Improvements in or relating to domestic ovens.
95134. Debakiranjan Dutta. Connectors for electric apparatuses.
95135. A. S. Peacock. Improvements in or relating to travelling grate stokers.
95136. Associated Electrical Industries Limited. Improvements in and relating to ventilated dynamo-electric machines. (21st August 1963).
95137. American Cast Iron Pipe Company. Method of producing nodular iron.
95138. Westinghouse Electric Corporation. Heat exchange apparatus.
95139. Lummus Cotton Gin Company. Apparatus for crushing impurities in cotton card webs and the like.

- 95140 American Home Products Corporation Method of resolving reccmic steroids
- 95141 AMP Incorporated Electrical connector
- 95142 Speciality Converters, Inc Tufted pile carpet and manufacture thereof
- 95143 Girling Limited Adjuster for shoe drum brakes (16th August 1963)
- 95144 The General Electric Company Limited Improvements in or relating to electric switches
- 95145 S Smith & Sons (England) Limited Improvements in or relating to rate gyroscopes (10th August 1963)
- 95146 Sperry Rand Corporation Pneumatic reed relay
- 95147 Phillips Petroleum Company Improvements relating to the oxidation of carbon black pellets
- 95148 E I Du Pont De Nemours and Company Meta-xylylenediamine chain extender for spandex
- 95149 Ciba Limited Process for the manufacture of finely divided insoluble and infusible solids of large inner surface
- 95150 Ciba Limited Rubber mixtures
- 95151 Badische Anilin & Soda-Fabrik Aktiengesellschaft Stabilizing polyamides
- 95152 Nelvale Limited Improvements in thread treating machines (27th August 1963)
- 95153 Thoma Company Exhaust device on cards
- 95154 T Imamura A weighting arm for the draft apparatus in a spinning machine
- 95155 Kubota Iron & Machinery Works, Limited, Cooling device for internal combustion engine of horizontal water cooling type
- 95156 F Hoffmann La Roche & Co Aktiengesellschaft Injectable preparation and process for the manufacture thereof
- 95157 Kaiser Aluminium & Chemical Corporation Metallurgy
- 95158 Rank Xerox Limited A facsimile printer
- 95159 Ciba Limited Manufacture of N-substituted benzo-azacycloalkenes
- 95160 Ciba Limited New process for the manufacture of phthalazines and phthalazones
- 95161 N V Philips Gloeilampenfabrieken Improvements in or relating to methods of manufacturing chains of filaments, coupled by intermediate members, for incandescent lamps, discharge tubes or the like
- 95162 Hercules Powder Company Improvements in or relating to a process for bonding a polyolefin to metal
- 12th August 1964
- 95163 M Singh Sealing device for pipeline casting ends
- 95164 K G Bhat Areca peeler
- 95165 Council of Scientific and Industrial Research Synthesis of 1-phenyl-2 (& 3)-(1'-azacycloheptyl)-propanones and propanols
- 95166 Council of Scientific and Industrial Research Synthesis of 1-phenyl-1 tertiaryamino-2-propanones and propanols
- 95167 Allied Chemical Corporation Manufacture of nitrogen tetroxide
- 95168 United States Steel Corporation Method of determining the thickness of a coating on a metal base
- 95169 Rexall Drug and Chemical Company Novel inter-polymers and process therefor
- 95170 Rexall Drug and Chemical Company Impact resistant graft copolymers
- 95171 Rexall Drug and Chemical Company Novel terpolymer process
- 95172 Rexall Drug and Chemical Company Polymerization process
- 95173 Rexall Drug and Chemical Company Polymerization process
- 95174 Halcon International, Inc Improvements in or relating to a chemical product
- 95175 Sperry Rand Corporation Device for forming fluid pulses
- 95176 Union Carbide Corporation Siloxane alcohol ethers
- 95177 West Point Manufacturing Company Process for the treatment of textiles with amino-plasts
- 95178 The Dow Chemical Company Methods and compositions for use in animal husbandry
- 95179 The Metal Box Company of India Limited Improvements in or relating to pilferproof closures for bottles, jars and like containers
- 95180 E U Siddiqi Improvements in or relating to 'chappals' or like footwear
- 95181 Zkl Zavody Na Valiva Loziska A Traktory, Narodni Podnik A hydraulic device for the control of regulating hydraulic circuits, namely for agricultural tractors
- 13th August 1964
- 95182 Council of Scientific and Industrial Research A torque limiting spander
- 95183 Council of Scientific and Industrial Research A device for the heat treatment of articles
- 95184 G S Nagaraj Marking of radio receiver dials in Indian language scripts and numerals
- 95185 Shell Internationale Research Maatschappij N. V Novel pesticidal compositions and their use
- 95186 Dunlop Rubber Company Limited Adjustment device for disc brakes (21st August 1963) [Addition to No 94136]
- 95187 Canadian Industries Limited Production of tubular thermoplastic film (17th August 1963)
- 95188 Abbott Laboratories Improvements in sweetening agent
- 95189 Sperry Rand Corporation Fluid flip-flop
- 95190 A Minghella Insulating barrier building block structure (24th August 1963)
- 95191 Zkl Zavody Na Valiva Loziska A Traktory, Narodni Podnik A control mechanism for hydraulic regulating devices, namely on agricultural tractors
- 95192 Lal Behari Chatterjee Improvements in or relating to precision measuring instruments
- 95193 Dr D Framje Filter-proof letter sealing machine [Addition to No 83266]
- 95194 Sandoz Ltd Improvements in or relating to organic compounds (14th August 1963)
- 95195 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning Adrenocorticotropically active peptides and process for preparing them
- 95196 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning New adrenocorticotropically active peptides and process for their manufacture
- 95197 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning New adrenocorticotropically active peptides and process for their manufacture
- 95198 Veb Filmfabrik Wolfen Process for the preparation of a blue gelatine-silver dispersion for anti halo or filter layers (29th May 1964).
- 95199 N V Philips Gloeilampenfabrieken Improvements in or relating to resonant cavity magnetics having built-in magnetic pole shoes
- 14th August 1964
- 95200 J G Ambekar Electronic doctor
- 95201 AMP Incorporated Improvements in electrical connectors [Addition to No 86122]
- 95202 Aktiebolaget Kamyr Mixing apparatus for mixing of a bleaching agent into cellulosic pulp
- 95203 Lepetit S p A New pharmacologically active compound (15th August 1963)

95204. Sandoz Ltd. Improvements in or relating to organic compounds. (15th August 1963).
95205. Sandoz Ltd. Improvements in or relating to organic compounds. (16th August 1963).
95206. Roussell-Uclaf. Processes for the preparation of new steroid compounds, the derivatives thus prepared, and compositions incorporating them. (20th February 1964).
95207. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of derivatives of omega-hydroxy-tiglaldehyde. [Addition to No. 88128].
95208. Espa Establishment for Securities and Patents. A toolholder with a reversible and rotatable cutting tool.
95209. Inventa A. G. Fur Forschung Und Patentverwertung. Process for the production of cyclic monohydroxymethyl compounds by oxo synthesis.

Alteration of date

85287. The claim to priority date 28th November 1961 has been abandoned and the application dated as of 24th November 1962, the date of filing in India.
94202. Ante-dated to 19th December 1962 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of this Gazette of India give Notice to the Patents Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

85056. G. S. Nevatia and H. P. Nevatia. Holding magnet that can be switched off electrically. Accepted on 12th August 1964.

Comprising a soft iron pot, a permanent magnet 2, a soft iron pole piece 3 a winding around said pole, a pair of contact pins 9, a air gap, a second gap and a current supply source.

- 85057 G. S. Nevatia and H. P. Nevatia. Holding magnet system wherein the holding power can be switched off by electric means. Accepted on 12th August 1964.

Magnet system is placed in a soft iron pot end that the shunt gap is formed between the pole plate and pot.

85287. The Associated Portland Cement Manufacturers Limited. Rotary filter press apparatus. Accepted on 13th August 1964.

A rotary press apparatus comprising a turntable, a series of press units carried by the turntable, each press unit including a plurality of filter plates and track guide means.

85344. P. G. Menon. Teeth cleaner. Accepted on 14th August 1964.

Comprising a handle which has fitted at its one end a rubbing and massaging piece having an inclined face and at the other end a pointed or wedge shaped piece and mutually snugly fitting means provided at the ends of appliance for detachably fitting pieces to handle.

85446. Council of Scientific and Industrial Research. Preparation of carboxylic cation-exchange materials. Accepted on 12th August 1964.

By reacting cold extracted cashewnut shell liquid either as such or neutralised with sodium carbonate, with formalin in the presence of acid or alkaline catalyst.

85501. Dr. Beck & Co. G.M.B.H. Method of producing non-linear, hardenable and neutral synthetic resins. Accepted on 14th August 1964.

Reacing unsaturated neutral hydroxyl group containing esters or polyesters with complex isocyanate dissolved in unsaturated copolymerisable monomer containing the hydroxyl group in presence of polymerisation catalyst.

86185. Kataria Industries. Improvements in or relating to tumbler padlock. Accepted on 12th August 1964.

Consisting of a body provided with a double ended shackle socket, a U-shaped shackle with its one end inserted in the socket, a disc in the base of socket, a lever house, two shackle locking levers hinged to the lever house.

86410. S. Handic. Device for cleaning of dust-laden gases. Accepted on 7th August 1964.

The blower with horizontally rotating impeller wheel being arranged in the enlarged chamber which is tapered above the impeller wheel and that ejection openings being provided at or near the end of this tapering which permit the ejected water to flow out.

86416. Sun Oil Company. Production of naphthalene and benzene. Accepted on 10th August 1964.

Subjecting a charge stock to conditioning treatment, the conditioned material to thermal hydrocracking fractionating the product and recovering naphthalene and benzene.

86418. Director, Central Water and Power Research Station, Poona. A device for registering the revolutions of a water meter of the cup type. Accepted on 10th August 1964.

The permanent magnet is eccentrically mounted such that with the rotation of the shaft and consequently the magnet the contacts in the make and break assembly are broken once.

86439. Precision Components Makers. Improvements in or relating to clips for holding sheafs or paper, documents or the like. Accepted on 10th August 1964.

Comprising a base plate with centrally located well extending from one edge of said base upto the opposite edge, two U-shaped members, said member being spring loaded by means of a U-shaped wire, the U portion of said spring member being located in the well the loops passing through the free limbs of said U-shaped members.

86440. Stamicarbon N. V. Process for preparing copolymers. Accepted on 11th August 1964.

Preparing copolymers of atleast one α -alkene and atleast one polyunsaturated compound consisting of a non-endocyclic hydrocarbon containing atleast 7 carbon atoms, atleast two non-conjugated double bonds and no vinyl group.

86466. J. R. Geigy A.-G. Process for the dyeing of polyamide fibres. Accepted on 12th August 1964.

Impregnating the fibres with an optionally thickened aqueous solution of acid wool dye-stuffs bearing as carrier soluble salts of saturated aliphatic monocarboxylic acids and other auxiliaries.

86467. Standard Oil Company. Process for separating a resinous polymer of a normally gaseous olefin from a solution thereof. Accepted on 12th August 1964.

Cooling solution to form polymer gel, mechanically compressing to express liquid solution of grease-to-wax like polymer and hydrocarbon solvent.

86481. United Aircraft Corporation. Control system for fuel cell. [Addition to No. 85048]. Accepted on 12th August 1964.

Temperature sensing means of the fuel cell temperature and/or of the fuel return line temperature control the volume and the temperature of the fuel returned to the cell.

86488. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to thermo-electric devices and method of producing the same. Accepted on 12th August 1964.

In that the two opposite faces of the heat exchangers at least at two places by means of heat insulating bridge pieces.

86492. N. V. Philips Gloeilampenfabrieken. Improvements in or relating to a method of removing thin metal layers. Accepted on 13th August 1964.

By spark erosion between electrodes formed by conductive pin and the metal layer.

86495. Townsend Company. Improvements in a fluid powered gun for setting fasteners. (30th March 1962). Accepted on 13th August 1964.

Piston movable in the first cylinder includes a piston rod extending through one end of the cylinder to the exterior of the handle, a hydraulic fluid reservoir in the handle, the handle having a second cylinder opening at one end to the reservoir and communicating at its other end to the one end of the first cylinder.

86573. Albiswerk Zurich A. G. Improvements in or relating to direction-finding equipment. (30th November 1962). Accepted on 14th August 1964.

Including plurality of directional antennae with directivity axes mutually inclined and inclined to the directivity axis of the apparatus, and a calibration-signal-generating antennae offset from the directivity axis of apparatus and equidistant from each of the directional antennae.

86597. L. S. Davar. Pressure measuring and recording instrument. Accepted on 14th August 1964.

Having means for connecting the instrument to a cylinder, means for transmitting and recording compression pressure in the cylinder on one face of a flat removable record member or tablet, and means for effecting step-by-step movement of the record member with respect to the marking means.

86740. R. R. Pardasani. Improvement in or relating to locks. [Addition to No. 78235]. Accepted on 13th August 1964.

Instead of a sleeve or a multimembered colored sleeve as in patent specification No. 78235, at least a member which may be section or a portion of a sleeve is employed to cooperate with the plug and at least a spring loaded catch by sliding in at least a position of the plug during an operation of the lock.

86747. Colgate-Palmolive Company. Dentifrice preparation. Accepted on 12th August 1964.

Comprises sodium monofluorophosphate and a polishing material comprising a mixture of insoluble alkali metal metaphosphate and an insoluble calcium or magnesium polishing agent.

86755. Societe De Produits Chimiques D'Auby. Improvements in or relating to an additive for plaster. Accepted on 12th August 1964.

Comprising at least one setting retarding agent and at least one coating and water-repellant agent.

86782. N. V. Philips Gloeilampenfabrieken. A method of blackening the inner surface of a metal support body for the emitting layer of an indirectly heated cathode. Accepted on 14th August 1964.

A layer of a suspension of antimonyoxide is applied to the metal surface and heating the surface 5 to 10 mins at a temperature of 600° to 650°C.

86788. The Goodyear Tire & Rubber Company. Improvements in preparation of copolyesters. Accepted on 11th August 1964.

By reacting bis beta hydroxyethyl terephthalate with isophthalic acid and polymerizing the product under polycondensation conditions.

86817. Tsentralny Nauchno-Issledovatel'skiy Institut Khlopchatoboomazhnoy Promishlenosti (Ts-Nikhab) and Spetsialnoye Konstruktorskoye Buro Textil'noye Maschinostrojeniya (Sktm). Method of producing twisted yarn and combined spinning and twisting frame for manufacturing the same. Accepted on 10th August 1964.

The hollow spindles are provided with a through canal with free inlet and outlet.

86835. Captain J. K. Munshi and C. F. Munshi. Improvements in or relating to multi-bore lubrication oil pumps. Accepted on 13th August 1964.

Comprising an external housing (stator) having a core, a crank shaft passing through a hole in the stator, the shaft having an eccentric portion between two co-axial extremities, a cylindrical disc (rotor) mounted on said eccentric portion, a cylindrical disc (distributor disc) mounted on one extremity and a handle attached to the other extremity of the shaft, end-cap end-fitting to the stator.

86868. Hitachi Ltd. Transformer structure. Accepted on 14th August 1964.

Comprising support base, a bottom plate resting on the former with internal assembly of transformer arranged on bottom plate, a tank body opening at bottom and placed on bottom plate to enclose transformer assembly and means for clamping support flange formed about the bottom opening of the tank body, to the bottom plate.

86869. Hitachi Ltd. Tap-changer switches. Accepted on 14th August 1964.

Comprising a contact member formed at one end to make line contact L along a line extending transversely thereof and formed at the other end with a projection adapted to make point contact P.

86903. N. V. Lego Nederland. Improvements in and relating to injection moulding machines. Accepted on 13th August 1964.

At least two nozzle mould parts mounted at some distance from one another, a movable support carrying at least one pair of counter mould parts and adapted to move each counter mould part and a closing device operating on one of said mould parts directly.

86943. Ciba Limited. Water-soluble monoazo dyestuffs and process for their manufacture. Accepted on 11th August 1964.

By reacting a diazo compound of amine with a corresponding coupling agent or a dyestuff containing halogen acyl groups are reacted with secondary or tertiary amines or the corresponding monoazo dyestuff is treated with an alkylating agent.

86988. AMP Incorporated. Electrical connector crimping apparatus. (2nd April 1962). Accepted on 13th August 1964.

The anvil of each die set being mounted for movement towards and away from the movable die of the die set, the anvil being retainable in desired working positions along its path of movement and mechanism for preventing any desired feed finger or fingers from engaging its strip of connectors.

87045. Shell Internationale Research Maatschappij N. V. Novel bitumen emulsions suitable for carrying out hydraulic operations in the presence of hard water, and a process for the preparation thereof. Accepted on 14th August 1964.

Comprises asphaltic bitumen, water, one or more emulsifiers and a water-soluble neutral or acid phosphate, water-soluble oxalate or carbonate or mixtures thereof.

87104. Phillips Petroleum Company. Production of polymers of butadiene or isoprene containing high percentage of trans 1,4-addition. Accepted on 12th August 1964.

Polymerising a monomer selected from the group consisting of 1,3-butadiene and isoprene in the presence of a catalyst.

87108. "Societe Anonyme Iwan Simonis" S. A. Apparatus to form mock lists in looms, more particularly in circular looms. Accepted on 14th August 1964.

Comprises a moving equipment consisting of at least turning thread needles and a slide, a guiding means for the said slide and a stationary means determining and limiting the transverse shiftings of the said moving equipment.

- 87112 P. G. Rohland. Rope clamp to join rope parts permanently under high pressure. Accepted on 12th August 1964.

Characterised in that the long sides around the area of the short axis of the oval area are provided with a thickening on both sides of the long walls.

87170. Shell Internationale Research Maatschappij N. V. Apparatus and process for bringing two or more phases into intimate contact with each other. Accepted on 14th August 1964.

Comprising vertical cylindrical housing containing cylindrical surface rotor, and stator perpendicular to cylinder axis consisting of one or more flat ring sectors.

87223. S. G. Young. Improvements in or relating to dispensing containers. Accepted on 10th August 1964.

Including a spoon releasably secured thereto and wherein the container is made of deformable material and wherein the container is of non-circular cross-section.

87283. Acsa Applicazioni Chimiche S.p.A. Synthetic textile fibres and method of manufacturing same. Accepted on 12th August 1964.

Spinning polyvinyl chloride textile fibres from a spinning dope which is formed by dissolving in cyclohexanone the high density vinyl chloride polymer.

87383. Diamant Boart. Process for making diamond tool. Accepted on 13th August 1964.

Comprising a diamond ring on a supporting body, characterised in that the complete ring is produced separately on the one hand and the complete body is produced separately on the other hand, and that the ring is then rendered fast with the body.

87387. Shimada Glass & Flask Factory (Private) Limited. The manufacture of vacuum bottles. Accepted on 14th August 1964.

(1) The outer bottle is made of such a size that when its neck portion is cut away, the body portion left over will be of a size which will be approximately the same as the size of the finished vacuum bottle, (2) the neck portion of the outer bottle is then cut away, (3) the inner bottle is made with a flared mouth, so that when it is placed within the body portion of the outer bottle spaced away therefrom, the rim of the flared mouth will be closed to the rim of the body portion of the outer bottle, (4) the two bottles are then fused together at their mouth ends.

87444. Festo-Maschinenfabrik Gottlieb Stoll. Feeding device especially for wood working machines. Accepted on 13th August 1964.

Box-type stand displaceable and adjustable with respect to its height and can be releasably connected with any wood working machine, and a feeding mechanism carried by the said stand with at least one and conveniently two feeding rolls known per se connected with their drive by a friction coupling.

87506. K. Zimmermann, Dr. R. Gfeller and H. W. Gloor. Improvements relating to atomizers mountable and flasklike containers. Accepted on 10th August 1964.

Comprising a hollow head member adapted as atomizing nozzle and including a mounting part that corresponds to the neck portion of the container.

87608. California Research Corporation. Defoliating composition. Accepted on 12th August 1964.

Comprises ammonia vapour admixed with air, containing 0.1—40% by volume of ammonia.

87670. Sperry Rand Corporation. Data processing system. Accepted on 14th August 1964.

Having a plurality of sets of operational registers one set for each program for holding information, and a selecting circuit operating during an instruction cycle whenever operational registers are to be used to select the operational registers of some one set.

87710. British Nylon Spinners Limited. Improvements in and relating to strand forwarding means of tow cutting or like apparatus. Accepted on 13th August 1964.

Comprising feed rolls, driving means for said rolls and means responsive to an occurrence requiring the cessation of forwarding of the strand.

87946. G. Ruud. Apparatus for the removal of material from a bottom die plate in a press. Accepted on 13th August 1964.

Elongated guide member adapted to be supported by and is manually displaceable along the surface of the plate to be treated and which carries a slide member slideable longitudinally of the guide members and is supporting a member.

88142. Sulzer Brothers Limited. Assembly of an air-conditioning apparatus and a spinning machine. Accepted on 12th August 1964.

Has dust sucking means and air curtain forming means comprising a duct, a fan and an air conditioning apparatus.

88329. K. Fritz. Metals furnaces heating covers. (16th May 1963). Accepted on 13th August 1964.

A heating cover for metal baths comprises a section steel frame and a framework with arches and longitudinal struts characterised by the feature that the framework is embedded beneath the sheet metal.

88460. Dunlop Rubber Company Limited. A method of making cord. (3rd July 1962). Accepted on 12th August 1964.

Applying to a monofilamentary textile core of a synthetic long-chain polymer at least one wrapping layer of a textile synthetic long-chain polymer material and steam heating the wrapped core at a pressure of 50 lbs/sq. in.

88532. Shimada Glass & Flask Factory (Private) Limited. Improvements in or relating to the stoppering of vacuum flasks or like containers. Accepted on 14th August 1964.

Characterized in that the device has for its main parts an annular closure adapted to be fitted on the mouth of the container and having on its inner wall spiral ribs, a key member which is supported on the spiral ribs of the annular closure consists of a base part and a top part spaced away from each other by a column which is provided with a number of annular flanges and the key member has also on its top part a knob, handle or the like means for operating the key member and a tubular washer of India Rubber or the like material.

88648. Studi E Brevetti Applicazioni Tessili s.r.l. Improved spinning plant for man-made fibres. Accepted on 14th August 1964.

The roller is axially subdivided into a plurality of processing zones.

88875. N V Philips Gloeilampenfabrieken. Improvements in and relating to methods of applying an alkali-earth metal getter. Accepted on 14th August 1964

Characterised in that the getter-producing substance is formed by a compound of $(MeO)_nXO_m$, where Me is Mg, Ca, Sr, Ba and n is higher than 1, X is a metal of fifth, sixth or the seventh group of Periodical system and m valency divided by 2

88983. N. V Philips Gloeilampenfabrieken Improvements in or relating to devices for coating the inside of a bulb with a metal layer by vapour-deposition. Accepted on 14th August 1964.

Characterised in that the screening member is constituted by a skirt around the shaft of the carrier and means are provided for rotating the skirt inside the bulb.

- 89127 A W. Ranges Improvements in flat bed letter press printing machinery. Accepted on 14th August 1964

The undersurface of thin plate metal flat-bed engages flatwise and is reciprocable upon a plane surface on the main frame interrupted by a low-friction support extending parallel with and below the printing cylinder.

89131. The International Nickel Company (Mond.) Limited Alloy steel. Accepted on 12th August 1964.

Comprises 14—16% Ni, 4.6—5.2% Mo, 8.5—9.5% Co, 0.1—0.8% Ti, 0.1—1.2% Al, 0—3% V, 0—5.4% niobium, 0—10.5% tantalum, 0—0.03% carbon, 0—0.02% Mn, 0—0.2% Si, 0—0.1% boron and 0—0.1% zirconium

- 89142 Bell Intercontinental Corporation Surface treatment of steel Accepted on 13th August 1964

A process for treating hot worked steel comprises subjecting said hot worked steel to a first blasting operation utilizing steel shot and following with a second blasting operation utilizing steel grit.

- 89165 Molins Machine Company Limited Improvements in or relating to bronzing. (17th August 1962) Accepted on 10th August 1964

Applying adhesive to a desired part of an article forming a dispersion in air of particles of bronzing material and passing the article through the dispersion.

89316. The Carborundum Company Limited. Improvements in or relating to shaft furnaces. Accepted on 11th August 1964

Having a thermal conductivity of at least 30 BTU/hr/ft²/°F/1" thickness, a hot transverse strength of at least 850 p.s.i. at 1350°C and a Morgan abrasability index of not more than 50.

89372. E. I. du Pont de Nemours and Company. A textile filament having an essentially straight-sided pentagonal-shaped cross section prepared from a synthetic polymer. Accepted on 12th August 1964.

The sides of the pentagon being essentially straight with three angles defined by the sides being 90° each.

- 89386 N. V. Onderzoekingsinstituut Research. A process for the manufacture of synthetic multi-filament threads. Accepted on 14th August 1964.

Comprises spinning two melts of dissimilar polyamides by simultaneous extrusion from each spinning orifice of a spinneret.

- 89429 John Thompson (Wilson Boilers) Limited Improvements relating to boilers (18th August 1962) Accepted on 14th August 1964.

Both the coverplate and the support for the burner being hinge-mounted on the boiler to hinge open relative thereto.

- 89605 Imperial Chemical Industries Limited. Process for the production of particulate ammonium nitrate and explosive mixtures containing such ammonium nitrate. (3rd September 1962). Accepted on 14th August 1964

Comprises mixing dry ammonium nitrate grains with water at a temperature below the fusion temperature of the mixture and then drying the mixture

- 90710 Union Carbide Corporation Production of premium coke Accepted on 11th August 1964.

Thermally decomposing a virgin residue of a petroleum crude oil.

- 94202 Rohm & Haas Company. Preparation of lectams. [Divisional date 19th December 1962]. Accepted on 14th August 1964

Reacting an aniline and a lactone

Opposition Proceedings

An opposition has been entered by Shell Internationale Research Maatschappij N. V. to the grant of a patent on application No. 84273 made by Halcon International, Inc

Printed Specification Published

A limited number of printed copies of the undernoted specifications are available for sale from the Officer-in-Charge, Government of India, Central Book Depot, 8, Hastings Street, Calcutta, at two rupees per copy.—

(1)

76309	76364.	76374	76375.	76407	76460.	76484.
76489.	76549	76633	76735	76781.	76809	76837.
77015	77141	77264	77269.	77279.	77339.	77424.
77461.	77516	77706.	77714.	77717	77720.	77731.
77733.	77753.	77762	77766	77770	77788	77803.
77813.	77817.	77843.	77879.	77885.	77895.	77901.
77926.	77928	77951	77963.	77970.	77971.	78048.
78068	78084	78114	78117	78136.	78221	78263.
78300	78305	78362.	78473	78494.	78545	78588.
78639	78705	78744	78763	78793	78902.	78929.
78978	79094	79099.	79126.	79175	79221.	79255.
79359.	79407	79416	79434.	79492.	79511	79635.
79709	79723.	79734.	79736.	79777	79887.	80007.
80024	80046.	80414	80464.	80919.	81320.	81321.
81438.	81542.	81709.	84715.	84767.	85181	

(2)

72960	76620.	76621.	76635	76660.	76688.	76736.
76962	77115.	77122	77248.	77295.	77444.	77848.
77997.	78015.	78020.	78038.	78045.	78057.	78115.
78126.	78143.	78162.	78168	78215.	78270.	78294.
78352	78379.	78455	78495.	78590.	78632.	78634.
78636.	78641	78707.	78732.	78822.	78823.	78827.
78854.	78889.	79083.	79218.	79272	79284.	79371.
79398.	79411.	79412.	79449.	79485.	79521.	79525.
79572	79580.	79645	79834	79844.	80038.	80080.
80123.	80252.	80350	80512.	80610.	80691.	80746
81000.	81050.	81688	81943.	84849.		

(3)

75799.	75891.	77026.	77028.	77199	76717.
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Patents Sealed

78695.	80033.	81157.	81279.	81482.	81488.	81559.
81634	81642	81759.	81859.	81944.	82244.	82351.
82380.	82488	82582	82599.	82608	82650	82693.
82704.	82746.	82748.	82753.	82777.	82791	82804.
82812.	82831.	82839	82840	82915.	82930.	82951.
82952.	82954.	82970	82972	82986.	82993.	82994.
82999	83067.	83087.	83099	83114.	83137.	83179.
83201.	83234.	83247.	83248.	83270.	83291.	83295.
83296.	83297.	83332	83380	83383	83386.	83512.
83605.	83689.	83698	83727.	83775.	83780.	83792.
83864.	83889	83894.	83980.	84354.	84355	84426.
84831.	84966	84983	85088.	85183.	85243.	85496.
85497.	85498	85600.	85697	85724	85914	85965.
85979	86608	90665.				

Appeal Proceedings

(Section 5)

An appeal to the Central Government has been filed by Kernreaktor Bau-Und Batriebs-Gesellschaft m.b.H. under section 5 of the Indian Patents and Designs Act 1911 in respect of Patent application No. 90911.

Amendment Proceedings

Notice is hereby given under Section 17 of the Indian Patents and Designs Act, 1911, that Stora Kopparbergs Bergslags Aktiebolag, of Falun, Sweden, a joint stock company organized according to the laws of Sweden, seek leave to amend the claims in the specification in respect of Patent application No. 84480. Any person desirous of opposing the application for amendment should at any time within three months from the date of this Gazette, give notice of his intention to do so on the prescribed form (form 6 of the Indian Patents and Designs Rules, 1933) in the Patent Office, 214, Lower Circular Road, Calcutta-17. The proposed amendment may be seen free of charge at the Patent Office or copies thereof may be obtained from the Patent Office, on payment of the usual charges.

Registration of Assignments, Licences, Etc.

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests :—

72126 — The Power truo Company Limited.

Renewal Fees Paid

41950.	42071.	43678.	43679.	43807.	43817.	43818.
43853.	43942.	43987.	45586.	45869.	45933.	45944.
46046.	46212.	47882.	48072.	48169.	48250.	49614.
50059.	50208.	50367.	50373.	50376.	50489.	50493.
50542.	50550.	50633.	51137.	51728.	52717.	52718.
52731.	52777.	52952.	53021.	53108.	55191.	55203.
55264.	55325.	55383.	55635.	55947.	56044.	56789.
57650.	58263.	58307.	58308.	58350.	58375.	58423.
58426.	58430.	58445.	58478.	58492.	58509.	58522.
58538.	58632.	58728.	58775.	58880.	59045.	59046.
59513.	60200.	60201.	60539.	60540.	61488.	61489.
61509.	61536.	61537.	61538.	61630.	61678.	61716.
61734.	62007.	62068.	62269.	62335.	62431.	62536.
62635.	62659.	63005.	64239.	64463.	64927.	65003.
65105.	65109.	65113.	65123.	65146.	65147.	65148.
65174.	65216.	65223.	65293.	65297.	65302.	65339.
65357.	65363.	65369.	65384.	65492.	65539.	65561.
65601.	65620.	65628.	65650.	65654.	65685.	65876.
65972.	68685.	68686.	68687.	68738.	68743.	68761.
68790.	68839.	68840.	68841.	68866.	68927.	68928.
68942.	68953.	68979.	69022.	69076.	69105.	69108.
69109.	69117.	69119.	69153.	69194.	69212.	69214.
69335.	69350.	69443.	69481.	69528.	69777.	70491.
70618.	72239.	72541.	72738.	72816.	72847.	72944.
73045.	73234.	73279.	73314.	73331.	73361.	73383.
73408.	73420.	73446.	73471.	73478.	73521.	73528.
73691.	73705.	73726.	73764.	73850.	73851.	73926.
73928.	73996.	74038.	74052.	74053.	74348.	74402.
74518.	75877.	75878.	78396.	78417.	78456.	78482.
78692.	78766.	78768.	80351.	82222.		

Cessation of Patents

42132.	47177.	49473.	49486.	51765.	51778.	51802.
53128.	54381.	57157.	57163.	57205.	57211.	60318.
60344.	60354.	60832.	63852.	63857.	63862.	63869.
63871.	63890.	63896.	63926.	67470.	67515.	67540.
67556.	67568.	69615.	71560.	71568.	71569.	71577.
71578.	71579.	71585.	71617.	71624.		

Restoration Proceedings

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911, for the restoration of the following patent :—

No. 69216 — *Gujanen Sadashiv Taskar*.

The patent ceased on the 29th September, 1963, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2, of the Gazette of India, dated the 15th February

1964. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933, at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 10th October, 1964.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. No. 120797. Babubhai Fakirchand Kansara. An Indian Citizen, Lal Gate, Khand Bazar, Surat, Gujarat, India, "Tiffin carrier", January 22, 1964.

Class 1. No. 121840. Krishnaraj Jamnadas Mody, 9/5 Bradys' Flats, Sorab Bharucha Road, Colaba, Bombay-5, Maharashtra State, India, Indian Nationality, "A top-cap of textile roving bobbin", April 7, 1964.

Class 1. No. 121920. Sohan Lal Aggarwal (an Indian national), Ingha Road, Delhi-6, "Shuttle", April 13, 1964.

Class 1. No. 121931. Grant James Private Ltd., an Indian Company, 8A & B, Lower Rawdon Street, Calcutta-20, West Bengal, India, "A chair", April 16, 1964.

Class 1. Nos. 121935 and 121937. Grant James Private Ltd., an Indian Company, 8A & B, Lower Rawdon Street, Calcutta-20, West Bengal, India, "A desk", April 16, 1964.

Class 1. No. 122006. Kumaon Nursery, An Indian partnership concern, P.O. Ramnagar, Distt. Nainital U.P. (India), "Pruning shears", April 28, 1964.

Class 3. No. 121841. Krishnaraj Jamnadas Mody, 9/5 Bradys' Flats, Sorab Bharucha Road, Colaba, Bombay-5, Maharashtra State, India, Indian Nationality, "A top-cap of textile roving bobbin", April 7, 1964.

Class 3. No. 121932. Grant James Private Ltd., an Indian Company, 8A & B, Lower Rawdon Street, Calcutta-20, West Bengal, India, "A chair", April 16, 1964.

Class 3. Nos. 121936 and 121938. Grant James Private Ltd., an Indian Company, 8A & B, Lower Rawdon Street, Calcutta-20, West Bengal, India, "A desk", April 16, 1964.

Class 5. No. 121842. Krishnaraj Jamnadas Mody, 9/5 Bradys' Flats, Sorab Bharucha Road, Colaba, Bombay-5, Maharashtra State, India, Indian Nationality "A top-cap of textile roving bobbin", April 7, 1964.

Class 5. No. 121924. Bhupinder Pal Sharma (An Indian subject), R-633, New Rajinder Nagar, Delhi, "Carton", April 13, 1964.

Class 5. No. 121986. Daido Kogyo Company Limited, a Japanese Company, 1/191, Aza Kuma Saka, Mikimura, Enuma-gun, Ishikamaken, Japan, "Label", April 22, 1964.

Class 5. No. 122040. Ram Nath Gupta (An Indian national), 95, Meergunj, Allahabad, (U.P.), "Label", April 29, 1964.

Class 5. No. 122218. Mahabir Hosiery Mills (An Indian Partnership concern), East Park Road, Model Basti, New Delhi, "Wrapper", May 21, 1964.

Class 5. No. 122227. United Industrial Corporation, 7/109 Swaroop Nagar, Kanpur (U.P.), India, Indian Partnership concern, "The carton", May 25, 1964.

Class 13. Nos. 122130 to 122132. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", May 11, 1964.

Class 13. Nos. 122140 to 122153. The Shree Niwas Cotton Mills Ltd., an Indian Firm, Delisle Road, Bombay-13, "Cotton piecegoods", May 12, 1964.

Class 13. Nos. 122240 to 122242. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", May 25, 1964.

Class 13. Nos. 122295 to 122297. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", June 5, 1964.

Class 13. Nos. 122345 to 122377 and 122379 to 122397. The Century Spg. & Mfg. Co. Ltd., Indian Company, Industry House, 159, Churchgate Reclamation, Bombay-1, Maharashtra State, "Textile goods", June 11, 1964.

Class 13. Nos. 122473 to 122477. Sovrin Knit Works, 18-Lawrence Road, Amritsar, a registered firm of Indian Nationality, "Textile goods", June 17, 1964.

Class 13. Nos. 122631 and 122632. The Bombay Dyeing & Mfg. Co. Ltd., an Indian Company incorporated in India, Neville House, Ballard Estate, Bombay-1, "Cotton textiles", July 4, 1964.

Class 14. Nos. 122303 to 122314. Sudarshan Weaving Factory, Baba Bhoori Wala, Amritsar, (Punjab), Indian Concern, "Blankets and rugs", June 6, 1964.

Copyright Extended for a Second Period of Five Years

Design No. 100695, Class 1.

Design Nos. 97900, 97901, 99950, and 99951, Class 13.

Design No. 98123, Class 13.

Design Nos. 100397, 100701, 100702, 101542, 101543, 102051, 102052 and 102053, Class 13.

Copyright Extended for a Third Period of Five Years

Design No. 78204, Class 13.

A. JOGARAO

*Controller General of Patents,
Designs and Trade Marks.*